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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/746,841	12/22/2000	Shrikant Acharya	M-8754 US	9328

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Meredith Martin Addy
Brinks Hofer Gilson & Lione
P O Box 10395
Chicago, IL 60610

EXAMINER

NGUYEN, KIMNHUNG T

ART UNIT	PAPER NUMBER
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2674

DATE MAILED: 03/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/746,841

Applicant(s)

ACHARYA ET AL.

Examiner

Kimnhung Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 September 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 22-30,32-40 and 48-52 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 22-30,32-40 and 48-52 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This applicant has been examined. The claims 22-30, 32-40 and 48-52 are pending. The examination results are as following.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 22-30, 32-34, 40 and 48-52 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mills et al. (US 6,599,147) in view of Saltzstein et al. (US 5,941,829).

Regarding claims 22 and 40, Mills et al. discloses in figure 16 and 19, a method for loading a presentation on a handheld computing device comprising a writing image data to a driver (see figure 19, column 8, lines 44-53); executing control software to transfer the presentation database to the handheld computing device (see abstract, see column 15, lines 13-31); and attaching an expansion module (140, see figure 14) to the handheld computing device (200) for displaying the presentation data on an external display (see personal computer, see figure 14), the handheld computing device having an inherent first memory, and the expansion module having a second memory (see column 15, lines 24-30). However, Mills et al. does not disclose that an invoking the driver to compress the image data; an invoking the driver to store the compressed image data in a presentation

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database. Saltzstein et al. discloses an invoking the driver to compress the image data; an invoking the driver to store the compressed image data in a presentation database (see fig. 1, see device 18 capable of digitizing, compressing voice data, see col. 6, lines 22-27). It would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the using of the driver to compress the image data; an invoking the driver to store the compressed image data in a presentation database as taught by Saltzstein et al. into the system of Mills et al. because this would provide a voice dialogue between patent and remote service provider.

Regarding claim 23, Mills et al. discloses the method for loading, wherein the presentation database is transferred to the first memory (see column 11, lines 13-26).

Regarding claim 24, Mills et al. discloses the method for loading, wherein database is transferred to the second, wherein the second memory is an extension of said first memory (see column 11, lines 13-26).

Regarding claims 25-30, and 32-34, Mills et al. discloses the method for loading, wherein the control software is in the first memory, or in the second memory, and executed in the expansion module (see column 16, lines 54-67); the expansion module (100) providing communication between the handheld computing device (200) and the external display (see personal computer, figure 14), and an inherent decoding the image data included in the presentation database and forwarding it to the expansion module, or converting the

decoded image data to signals for delivery to an external display device (see figures 14-15).

Regarding claims 49-51, Mills et al. discloses further comprising transferring program code for processing and decoding the image data from the handheld computing device to the expansion module (see figs 14-15, and discussed above). However, Mills et al. does not disclose that the expansion module locally executing the transferred program code to decode and decompress the image. Saltzstein et al. discloses a system having decompress the image data (see fig. 4, col. 13, lines 5-26). It would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the using of decompress the image data as taught by Saltzstein et al. into the system of Mills et al. because this would provide permit concurrent communication of patient data to monitoring site and of physician voice to patient site (see Saltzstein et al, see col. 13, lines 30-33).

3. Claims 35-39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mills et al. (US 6,599,147) in view of Saltzstein et al. (US 5,941,829) and in view of Kikinis et al. (US 5,522,089).

Mills et al. and Saltzstein et al. disclose every feature of the claimed invention, excluding wherein the control interface displayed on the handheld computing device displays a reference to one or more presentation databases such that in response to a user selecting a

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present database one slides are displayed, or selecting one or more of the displayed slides to be included in a slide show for display on an external display, or rearranging a display order of slides in the slide show by moving a box representing a slide in a first display position to a second display position, and setting the length of the slide show by interacting with a menu provided by the control interface. Kikinis et al. disclose a PDA module with a local CPU comprising the control interface displayed on the handheld computing device displays a reference to one or more presentation databases such that in response to a user selecting a present database one slides are displayed, or selecting one or more of the displayed slides to be included in a slide show (see scrolling list) for display on an external display, a display order of slides in the slide show by moving a box representing a slide in a first display position to a second display position, and the slide show by interacting with a menu provided by the control interface (see figures 22A-22D, see column 21, lines 48-57, and column 24, lines 16-46). It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the teachings of the menu and selecting one or more of the displayed slides to be included in a slide show (scrolling list) as taught by Kikinis et al. into the handheld computing device of Mills et al. and Salszstein et al. because this would provide to the user scrolls through the list by moving the up/down scroll arrows with pointer device or keyboard, and selecting the number to dial and number name pair is highlighted (see column 22, lines 41-49).

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Correspondence


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimnhung Nguyen whose telephone number is (571) 272-7698.

The examiner can normally be reached on MON-FRI, FROM 8:30 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Edouard can be reached on (571) 272-7603. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kimnhung Nguyen
March 15, 2005


ALEXANDER EISEN
PRIMARY EXAMINER